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PATENT Conf. No.: 2745

IN THE UNITED STATES PATENT OFFICE

Applicant:

Anshuman Nayak et al.

Assignee:

Xilinx, Inc.

Title:

"System for Architecture and Resource Specification and

Methods to Compile the Specification onto Hardware"

Serial No.:

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Examiner:

William H. Wood

Art Unit: 2193

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AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Dear Examiner:

In response to the Final Office Action mailed from the Patent Office on October 20, 2006, please replace/substitute the following claims as indicated.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.